
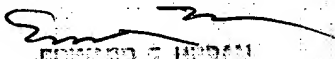


Issue Classification 	Application No.	Applicant(s)	
	09/688,282	HELPERICH, RICHARD J.	
	Examiner	Art Unit	
	THUAN T. NGUYEN	2685	

ISSUE CLASSIFICATION									
ORIGINAL			CROSS REFERENCE(S)						
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
455	458	455	412.1	424.1					
INTERNATIONAL CLASSIFICATION		340	7.21	7.52	825.37				
H 04 Q	7120								
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NGUYEN, THUAN 4/01/05 (Assistant Examiner) (Date)	 EDWARD F. URDAN SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2000 (Primary Examiner) (Date)	Total Claims Allowed: 48				
Denise Hoan 8/8/05 (Legal Instruments Examiner) (Date)		<table border="1"> <tr> <td>O.G. Print Claim(s)</td> <td>O.G. Print Fig.</td> </tr> <tr> <td>1</td> <td>7</td> </tr> </table>	O.G. Print Claim(s)	O.G. Print Fig.	1	7
O.G. Print Claim(s)	O.G. Print Fig.					
1	7					

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant					<input type="checkbox"/> CPA					<input type="checkbox"/> T.D.					<input type="checkbox"/> R.1.47				
Final	Original		Final	Original		Final	Original		Final	Original		Final	Original		Final	Original			
	1		31	61			91			121			151		42	181			
	2		32	62			92			122	8		152		43	182			
	3		33	63			93			123	9		153		44	183			
	4		34	64			94			124	10		154		45	184			
	5		35	65			95			125	11		155		46	185			
	6		36	66			96			126	12		156		47	186			
	7		37	67			97			127	13		157		48	187			
	8		38	68			98			128	14		158			188			
	9		39	69			99			129	20		159			189			
	10		40	70			100			130	21		160			190			
	11		41	71			101			131	22		161			191			
	12		42	72			102			132	23		162			192			
	13		43	73			103			133	24		163			193			
	14		44	74	14		104			134	25	164				194			
	15		45	75	15		105			135	26	165				195			
	16		46	76	16		106			136	27	166				196			
	17		47	77	17		107			137	28	167				197			
	18		48	78	18		108			138	29	168				198			
	19		49	79			109			139	30	169				199			
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	21		51	81			111			141	32	171				201			
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	23		53	83	2		113			143	34	173				203			
	24		54	84	3		114			144	35	174				204			
	25		55	85	4		115			145	36	175				205			
	26		56	86	5		116			146	37	176				206			
	27		57	87	6		117			147	38	177				207			
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	29		59	89			119			149	40	179				209			
	30		60	90			120			150	41	180				210			